



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page 1 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021	Product	Lambda-Cyhalothrin Technical	
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status
				Note

	Albaugh	OWN	
	Albaugh	OWN	
	Albaugh	OWN	
			Not req'd <sup>2</sup>
	Albaugh	OWN	
	Albaugh	OWN	
	Albaugh	OWN	
	Albaugh	OWN	
	Albaugh	OWN	
	Albaugh	OWN	
	Albaugh	OWN	
	Albaugh	OWN	Waiver <sup>2</sup>
	Albaugh	OWN	
			Not req'd <sup>1</sup>

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page 2 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021	Product	Lambda-Cyhalothrin Technical	
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status
				Note

			Not req'd <sup>1</sup>
	Albaugh	OWN	
			Not req'd <sup>1</sup>
	Albaugh	OWN	
			Not req'd <sup>1</sup>
	Albaugh	OWN	
		LIT	
			Not req'd <sup>1</sup>
	Albaugh	OWN	
			Waiver <sup>3</sup>
	Albaugh	OWN	
		LIT	
			Waiver <sup>4</sup>
			Waiver <sup>4</sup>

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page	3 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021		Product	Lambda-Cyhalothrin Technical	
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

		LIT	
			Waiver <sup>5</sup>
		LIT	
		PAY	
		PAY	
		PAY	
		PAY	
		PAY	
		PAY	
		PAY	
		PAY	
		PAY	
		PAY	

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page	4 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021		Product	Lambda-Cyhalothrin Technical	
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

		PAY	
		PAY	
		PAY	
		PAY	
		PAY	

Albaugh will make offers-to-pay to the following companies that appear on the current data submitters list for lambda cyhalothrin:

	Bonide Products, LLC (4)	PAY	
	Syngenta Crop Protection, LLC (100)	PAY	
	Nufarm Americas, Inc. (228)	PAY	
	The Scotts Company (239)	PAY	
	Bayer Cropscience LP (264)	PAY	
	FMC Corp. (279)	PAY	

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page	5 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021	Product	Lambda-Cyhalothrin Technical		
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

	Bayer Environmental (432)	PAY	
	MacDermid Agricultural Solutions, Inc. (400)	PAY	
	BASF Corp. (499)	PAY	
	Intervet Inc. d/b/a Merck Animal Health (773)	PAY	
	McLaughlin Gormley King Co. (1021)	PAY	
	Pacific Chemical Div Pace National Corp. (4389)	PAY	
	S.C. Johnson & Son, Inc. (4822)	PAY	
	Helena Agri-Enterprises, LLC (5905)	PAY	
	Lonza, LLC (6836)	PAY	
	J. R. Simplot Co. (8917)	PAY	
	Chemsico, A Div. of United Industries Corp. (9688)	PAY	
	Syngenta Crop Protection (10182)	PAY	

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page	6 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021	Product	Lambda-Cyhalothrin Technical		
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

	Adama Makhteskim Ltd. (11678)	PAY	
	Drexel Chemical Co. (19713)	PAY	
	Nufarm Ltd (35935)	PAY	
	Control Solutions (53883)	PAY	
	Valent (59639)	PAY	
	Sipcam Agro (60063)	PAY	
	Corteva Agrisciences LLC (62719)	PAY	
	Management Contract Services, Inc. (63823)	PAY	
	Jesmond Holding AG (64321)	PAY	
	Pyrethroid Working Group (64977)	PAY	
	Makhteshim Agan of NA Inc. (Adama) (66222)	PAY	
	SDTF (66607)	PAY	

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page 7 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021	Product	Lambda-Cyhalothrin Technical	
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status
				Note

	Certis USA LLC (70051)	PAY	
	UPL NA, Inc.(70506)	PAY	
	ISK Biosciences Corp. (71512)	PAY	
	LG Chem Ltd. (71532)	PAY	
	ORETF (71754)	PAY	
	ARTF (71755)	PAY	
	NDETF (73989)	PAY	
	FIFRA ESTF (73989)	PAY	
	Helm Agro US, Inc. (74530)	PAY	
	REJV (74888)	PAY	
	AHETF (75234)	PAY	
	Winfield Solutions LLC (83222)	PAY	

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page	8 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021	Product	Lambda-Cyhalothrin Technical		
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

	GAT Microencapsulation GMBH (84575)	PAY	
	GESTF (84653)	PAY	
	Arcana, LLC (84930)	PAY	
	Kaizen Technologies, LLC (86363)	PAY	
	TF Holdings I, LLC (86461)	PAY	
	Select Source, LLC (86869)	PAY	
	Agromarketing Co. Inc. (87845)	PAY	
	Willowood Lambda (88541)	PAY	
	Smartvet USA (88050)	PAY	
	Liberty Crop Protection, LLC (89168)	PAY	
	Central Garden & Pet Co. (89459)	PAY	
	Council Advancement Pyrethoid Human Risk (89813)	PAY	

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 4, 2021	EPA Reg No./File Symbol	42750-372	Page	9 of 9
Applicant's/Registrant's Name & Address	Albaugh, LLC 1525 NE 36 <sup>th</sup> Street Ankeny, IA 50021		Product	Lambda-Cyhalothrin Technical	
Ingredient Lambda - cyhalothrin (PC 128897; CAS # 91465-08-6)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

	Extremis, LLC (91127)	PAY	
--	-----------------------	-----	--

**Footnote 1:** These data are not required for TGA products per Product Properties Test Guidelines OPPTS 830.1000 (e)(2)(xi)(B) Table 2.

- 830.1650 Formulation Process
- 830.6315 Flammability
- 830.6316 Explodability
- 830.6319 Miscibility
- 830.6321 Dielectric Breakdown
- 830.7100 Viscosity

**Footnote 2**

- 830.6313 Stability to normal and elevated temperatures, metals, and metal ions. Albaugh requests a waiver for the stability to metals and metal ions. Lambda Cyhalothrin Technical is packaged in polyethylene drums or fiber drums. It is not expected to come in contact with either metals or metal ions.

**Footnote 3**

- 830.7220 Boiling Point. Albaugh requests a waiver for this data requirement. Lambda Cyhalothrin Technical is not a liquid.

**Footnote 4:** Albaugh requests a waiver for these data requirements. Albaugh elected to use Guideline 830.7570 to satisfy this data requirement.

- 830.7550 Partition Coefficient, Shake Flask Method
- 830.7560 Partition Coefficient, Generator Column Method

**Footnote 5**

- 830.7860 Water Solubility. Albaugh requests a waiver for this data requirement. Albaugh elected to use Guideline 830.7840 to satisfy this data requirement.

Signature		Name and Title	S. K. Theodorakis Agent for Albaugh, LLC	Date	6-4-2021
-----------	--	----------------	---	------	----------